



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum, Corp.**

100 S. Webb Road, suite 310
Wichita, KS 67278--

ATTN: Dave Clothier

26-32s-9w

Smith-Glein"A"1-26

Start Date: 2001.08.18 @ 15:30:51

End Date: 2001.08.18 @ 23:10:21

Job Ticket #: 14980 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

McCoy Petroleum, Corp.
100 S. Webb Road, suite 310
Wichita, KS 67278--
ATTN: Dave Clothier

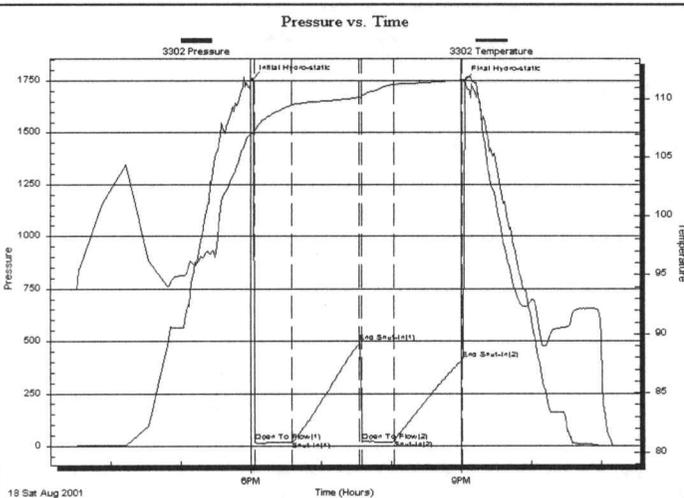
Smith-Gleiiin"A"1-26
26-32s-9w
Job Ticket: 14980 **DST#: 1**
Test Start: 2001.08.18 @ 15:30:51

GENERAL INFORMATION:

Formation: **Stalnaker Sd.**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:03:21
Time Test Ended: 23:10:21
Interval: **3673.00 ft (KB) To 3698.00 ft (KB) (TVD)**
Total Depth: 3698.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 1449.00 ft (KB)
1444.00 ft (CF)
KB to GR/CF: 5.00 ft
Test Type: Conventional Bottom Hole
Tester: Darren Amerine
Unit No: 19

Serial #: 3302 Inside
Press@RunDepth: 24.80 psig @ 3674.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2001.08.18 End Date: 2001.08.18 Last Calib.: 2001.08.18
Start Time: 15:30:53 End Time: 23:10:21 Time On Btm: 2001.08.18 @ 18:01:51
Time Off Btm: 2001.08.18 @ 21:03:21

TEST COMMENT: IF:Weak blow built to 12" in H2O bucket.
IS:Bled down for 5 mins.no blow back.
FF:Weak blow b.o.b in 30 mins.
FS:Bled down for 5 mins.no blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1756.57	107.11	Initial Hydro-static
2	16.83	107.38	Open To Flow (1)
33	17.93	109.48	Shut-In(1)
91	489.85	110.14	End Shut-In(1)
94	20.51	110.28	Open To Flow (2)
121	24.80	111.23	Shut-In(2)
179	408.44	111.60	End Shut-In(2)
182	1748.88	111.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	01 - Gas cut mud	0.14
290.00	01 - Gas	4.07

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum, Corp.

Smith-Gleiiin"A"1-26

100 S.Webb Road, suite 310
Wichita, KS 67278--

26-32s-9w

Job Ticket: 14980

DST#: 1

ATTN: Dave Clothier

Test Start: 2001.08.18 @ 15:30:51

Tool Information

Drill Pipe:	Length: 3680.00 ft	Diameter: 3.80 inches	Volume: 51.62 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 51.62 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 53000.00 lb
Depth to Top Packer:	3673.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	46.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3653.00	
S.I. Tool	5.00			3658.00	
HMV	5.00			3663.00	
Packer	5.00			3668.00	21.00 Bottom Of Top Packer
Packer	5.00			3673.00	
Stubb	1.00			3674.00	
Recorder	0.00	3302	Inside	3674.00	
Anchor	21.00			3695.00	
Recorder	0.00	13769	Outside	3695.00	
Bullnose	3.00			3698.00	25.00 Bottom Packers & Anchor
Total Tool Length:	46.00				



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DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum, Corp.

Smith-Gleinn"A"1-26

100 S.Webb Road, suite 310
Wichita, KS 67278--

26-32s-9w

Job Ticket: 14980

DST#: 1

ATTN: Dave Clothier

Test Start: 2001.08.18 @ 15:30:51

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 44.00 sec/qt	Cushion Volume: bbl		
Water Loss: 12.19 in ³	Gas Cushion Type:		
Resistivity: 0.15 ohm.m	Gas Cushion Pressure: psig		
Salinity: 6500.00 ppm			
Filter Cake: 0.32 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	01 - Gas cut mud	0.140
290.00	01 - Gas	4.068

Total Length: 300.00 ft Total Volume: 4.208 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

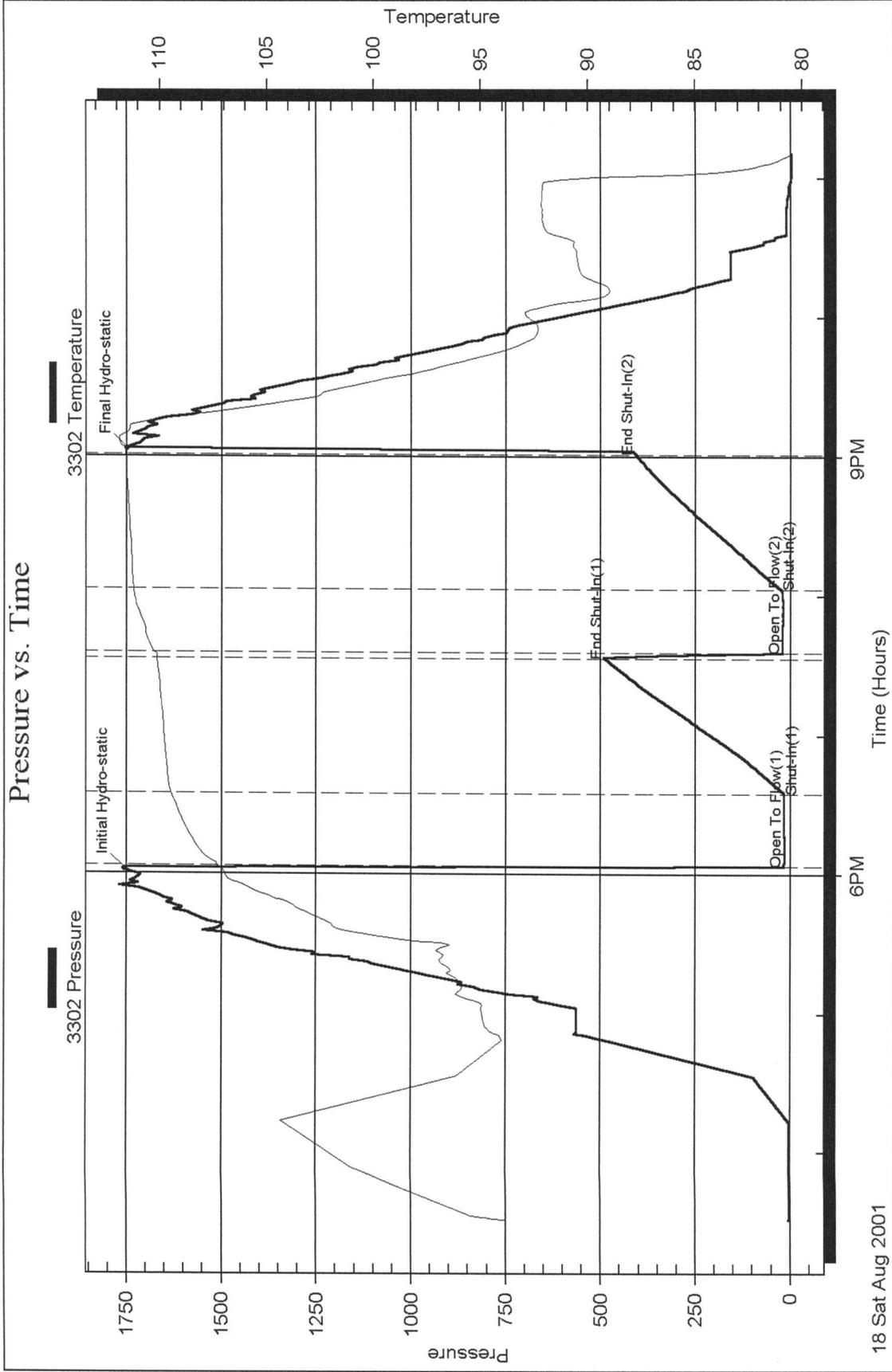
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum, Corp.**

100 S. Webb Road, suite 310
Wichita, KS 67278--

ATTN: Dave Clothier

26-32s-9w

Smith-Gleiiin"A"1-26

Start Date: 2001.08.19 @ 05:02:42

End Date: 2001.08.19 @ 12:27:42

Job Ticket #: 14981 DST #: 2

Trilobite Testing, Inc
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ph: 785-625-4778 fax: 785-625-5620



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DRILL STEM TEST REPORT

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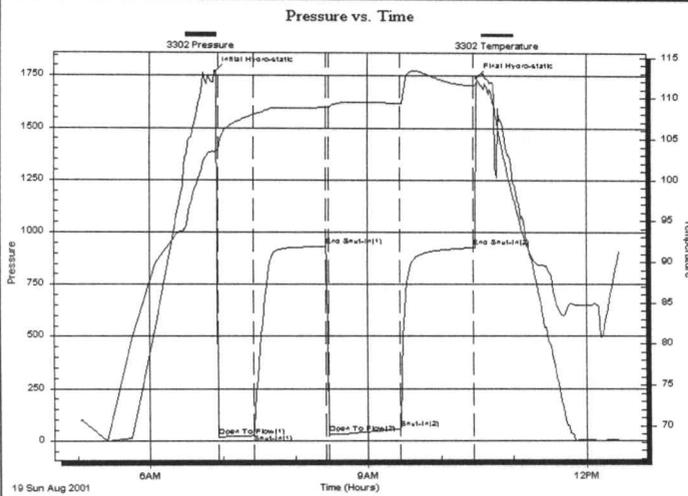
Smith-Gleinn "A" 1-26
26-32s-9w
Job Ticket: 14981 **DST#: 2**
Test Start: 2001.08.19 @ 05:02:42

GENERAL INFORMATION:

Formation: **Stalnaker sd.**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:56:42
Time Test Ended: 12:27:42
Test Type: Conventional Bottom Hole
Tester: Darren Amerine
Unit No: 19
Interval: **3673.00 ft (KB) To 3708.00 ft (KB) (TVD)**
Total Depth: 3708.00 ft (KB) (TVD)
Reference Elevations: 1449.00 ft (KB)
1444.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair
KB to GR/CF: 5.00 ft

Serial #: 3302 Inside
Press@RunDepth: 55.72 psig @ 3674.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2001.08.19 End Date: 2001.08.19 Last Calib.: 2001.08.19
Start Time: 05:02:44 End Time: 12:27:42 Time On Btm: 2001.08.19 @ 06:54:12
Time Off Btm: 2001.08.19 @ 10:29:42

TEST COMMENT: IF: Strong blow b.o.b in 50 sec.
IS: Bled down for 5 mins. no blow back.
FF: Strong blow b.o.b in 10 sec. GTS in 7 mins. Gauge gas.
FSI: Bled down for 20 mins. no blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1769.05	103.48	Initial Hydro-static
3	18.09	103.84	Open To Flow (1)
31	26.42	107.96	Shut-In(1)
91	931.11	108.83	End Shut-In(1)
93	30.91	108.89	Open To Flow (2)
152	55.72	109.29	Shut-In(2)
213	925.28	111.50	End Shut-In(2)
216	1740.27	112.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	Gas cut mud 10% gas 90% mud	0.98
3610.00	01 - Gas	50.64

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



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TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum, Corp.

Smith-Gleinn "A" 1-26

100 S. Webb Road, suite 310
Wichita, KS 67278--

26-32s-9w

Job Ticket: 14981

DST#: 2

ATTN: Dave Clothier

Test Start: 2001.08.19 @ 05:02:42

Tool Information

Drill Pipe:	Length: 3680.00 ft	Diameter: 3.80 inches	Volume: 51.62 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 51.62 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 53000.00 lb
Depth to Top Packer:	3673.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.00 ft			
Tool Length:	56.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3653.00	
S.I. Tool	5.00			3658.00	
HMV	5.00			3663.00	
Packer	5.00			3668.00	21.00 Bottom Of Top Packer
Packer	5.00			3673.00	
Stubb	1.00			3674.00	
Recorder	0.00	3302	Inside	3674.00	
Anchor	31.00			3705.00	
Recorder	0.00	10991	Outside	3705.00	
Bullnose	3.00			3708.00	35.00 Bottom Packers & Anchor
Total Tool Length:	56.00				



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FLUID SUMMARY

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Smith-Gleiiin"A"1-26

100 S.Webb Road, suite 310
Wichita, KS 67278--

26-32s-9w

Job Ticket: 14981

DST#: 2

ATTN: Dave Clothier

Test Start: 2001.08.19 @ 05:02:42

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 12.19 in ³	Gas Cushion Type:		
Resistivity: 0.15 ohm.m	Gas Cushion Pressure: psig		
Salinity: 6500.00 ppm			
Filter Cake: 0.32 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	Gas cut mud 10%gas 90%mud	0.982
3610.00	01 - Gas	50.639

Total Length: 3680.00 ft Total Volume: 51.621 bbl

Num Fluid Samples: 1 Num Gas Bombs: 0 Serial #:

Laboratory Name: Caraw ay Laboratory Location: Liberal KS

Recovery Comments:

Serial #: 3302

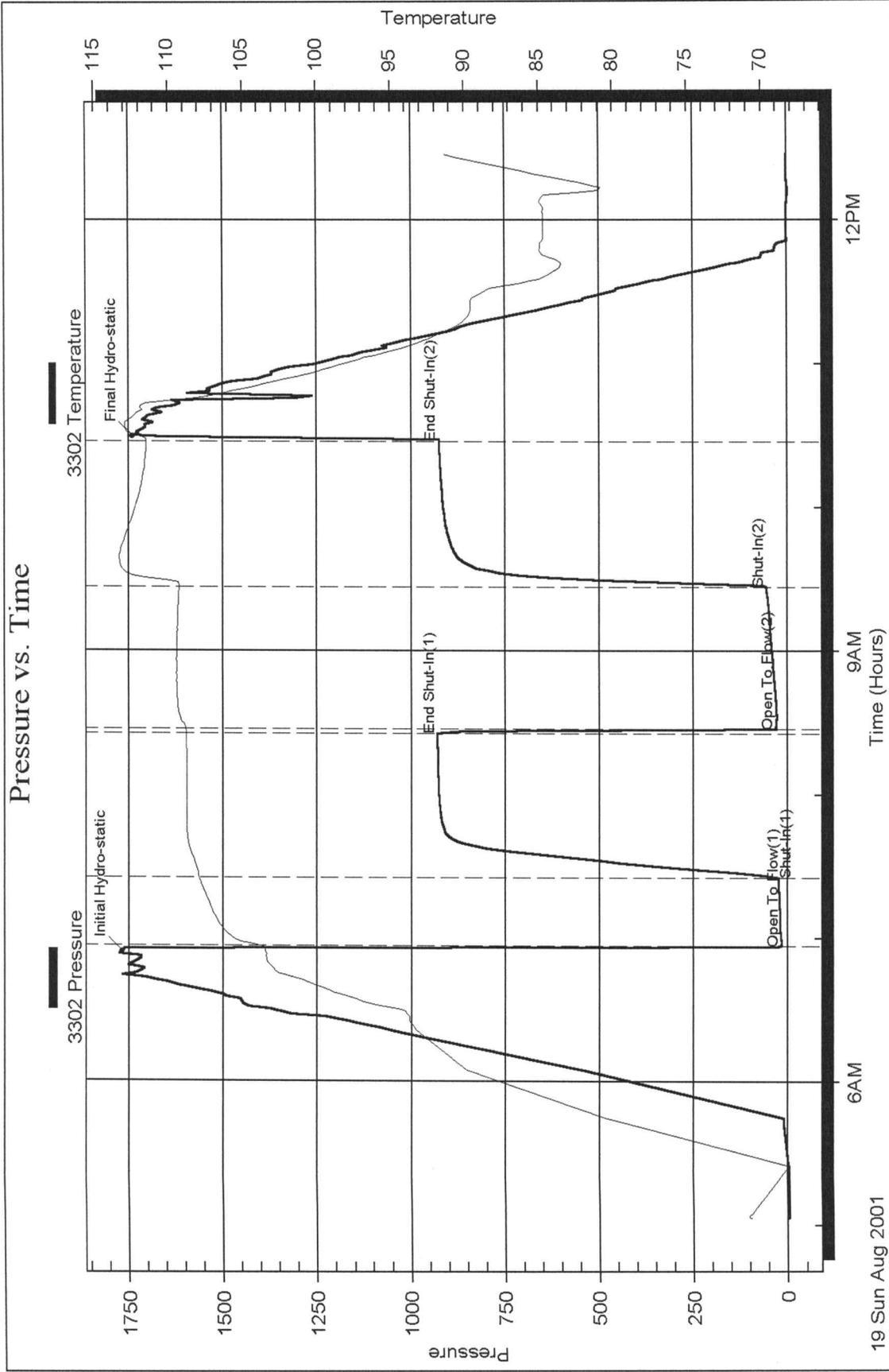
Inside

McCoy Petroleum, Corp.

26-32s-9w

DST Test Number: 2

Pressure vs. Time





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DRILL STEM TEST REPORT

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100 S. Webb Road, suite 310
Wichita, KS 67278--

ATTN: Dave Clothier

26-32s-9w

Smith-Gleiiin"A"1-26

Start Date: 2001.08.19 @ 19:44:31

End Date: 2001.08.20 @ 03:22:01

Job Ticket #: 14982 DST #: 3

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100 S.Webb Road, suite 310
Wichita, KS 67278--

26-32s-9w

Job Ticket: 14982

DST#: 3

ATTN: Dave Clothier

Test Start: 2001.08.19 @ 19:44:31

GENERAL INFORMATION:

Formation: **Stalnaker sd.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:26:01

Time Test Ended: 03:22:01

Test Type: Conventional Bottom Hole

Tester: Darren L.Amerine

Unit No: 19

Interval: **3673.00 ft (KB) To 3718.00 ft (KB) (TVD)**

Total Depth: 3718.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1449.00 ft (KB)

1444.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: **3302** Inside

Press@RunDepth: 91.51 psig @ 3683.00 ft (KB)

Start Date: 2001.08.19

End Date: 2001.08.20

Capacity: 7000.00 psig

Last Calib.: 2001.01.23

Start Time: 19:44:31

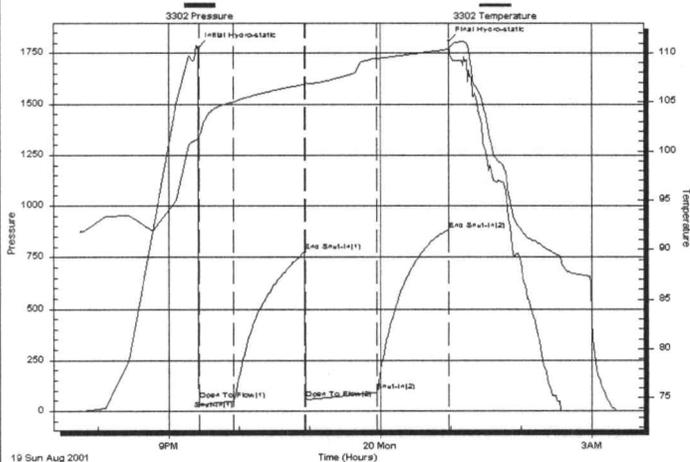
End Time: 03:22:01

Time On Btm: 2001.08.19 @ 21:25:01

Time Off Btm: 2001.08.20 @ 00:58:31

TEST COMMENT: IF:Strong blow b.o.b in 30 sec.
IS:Bled down n for 5 mins.no blow back.
FF:

Pressure vs. Time



PRESSURE SUMMARY

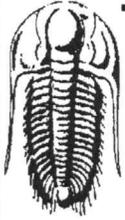
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1777.82	101.21	Initial Hydro-static
1	51.21	101.43	Open To Flow (1)
30	46.51	104.99	Shut-In(1)
91	773.12	106.77	End Shut-In(1)
92	57.28	106.94	Open To Flow (2)
152	91.51	109.41	Shut-In(2)
213	879.44	110.35	End Shut-In(2)
214	1808.94	110.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	111 - Gas and Water cut Mud	2.10
3530.00	01 - Gas	49.52

Gas Rates

	Choke(inches)	Pressure (psig)	Gas Rate (Mcf/d)



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DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum, Corp.

Smith-Gleiiin"A"1-26

100 S. Webb Road, suite 310
Wichita, KS 67278--

26-32s-9w

Job Ticket: 14982

DST#: 3

ATTN: Dave Clothier

Test Start: 2001.08.19 @ 19:44:31

Tool Information

Drill Pipe:	Length: 3680.00 ft	Diameter: 3.80 inches	Volume: 51.62 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 51.62 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 53000.00 lb
Depth to Top Packer:	3673.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	45.00 ft			
Tool Length:	66.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3653.00	
S.I. Tool	5.00			3658.00	
HMV	5.00			3663.00	
Packer	5.00			3668.00	21.00 Bottom Of Top Packer
Packer	5.00			3673.00	
Stubb	1.00			3674.00	
Anchor	9.00			3683.00	
Recorder	0.00	3302	Inside	3683.00	
Blank Spacing	31.00			3714.00	
Recorder	0.00	13769	Outside	3714.00	
Bullnose	4.00			3718.00	45.00 Bottom Packers & Anchor

Total Tool Length: 66.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

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Smith-Gleiiin"A"1-26

100 S.Webb Road, suite 310
Wichita, KS 67278--

26-32s-9w

Job Ticket: 14982

DST#: 3

ATTN: Dave Clothier

Test Start: 2001.08.19 @ 19:44:31

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.19 in³

Gas Cushion Type:

Resistivity: 0.15 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	111 - Gas and Water cut Mud	2.104
3530.00	01 - Gas	49.517

Total Length: 3680.00 ft Total Volume: 51.621 bbl

Num Fluid Samples: 1

Num Gas Bombs: 0

Serial #:

Laboratory Name: Caraw ay

Laboratory Location: Liberal KS

Recovery Comments:

Pressure vs. Time

